

s/n: 09/888,509
date: 7-25-03

1 ("6069358").PN.	USPAT; US-PGPUB; IBM_TDB	9/20/02 9:32
1 ("5370768").PN.	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:12
4 ("4530736" "4813762" "5079130" "5286338").PN.	USPAT	9/19/02 16:01
39 4813762.URPN.	USPAT	9/19/02 16:06
7 5345336.URPN.	USPAT	9/19/02 16:10
1 4764929.PN.	USPAT	9/19/02 16:31
39 4813762.URPN.	USPAT	9/19/02 16:31
11 5079130.URPN.	USPAT	9/19/02 16:32
4 ("4737447" "4966831" "5079130" "5225935").PN.	USPAT	9/19/02 16:37
123 359/626.ccls.	USPAT; US-PGPUB; IBM_TDB	9/19/02 16:48
17024 focal adj plane	USPAT; US-PGPUB; IBM_TDB	9/19/02 16:48
285 lens near3 diffractive near3 refractive	USPAT; US-PGPUB; IBM_TDB	9/19/02 16:49
30 359/626.ccls. and (focal adj plane)	USPAT; US-PGPUB; IBM_TDB	9/19/02 16:49
1 (lens near3 diffractive near3 refractive) and (359/626.ccls. and (focal adj plane))	USPAT; US-PGPUB; IBM_TDB	9/19/02 16:49
22 ("4323925" "4689652" "4694185" "4970381" "4993799" "4994664" "5734155.URPN.	USPAT	9/19/02 16:52
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33 4323925.URPN.	USPAT	9/19/02 17:46
8 5370768.URPN.	USPAT	9/19/02 18:02
4 5536455.URPN.	USPAT	9/19/02 18:03
0 6402996.URPN.	USPAT	9/19/02 18:03
0 5800907.URPN.	USPAT	9/19/02 18:03
1 396/113.ccls. and (lens near3 diffractive near3 refractive)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:21
1 359/647.ccls. and (lens near3 diffractive near3 refractive)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:21
12 359/558.ccls. and (lens near3 diffractive near3 refractive)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:21
39 4813762.URPN.	USPAT	9/19/02 18:32
1861 fill adj factor	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:34
1098 micro adj lens	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:34
17024 focal adj plane	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:34
12 (fill adj factor) and (micro adj lens) and (focal adj plane)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:37
2725 diffractive and refractive	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:37
4 (micro adj lens) and (focal adj plane) and ((fill adj factor) and (micro adj lens) and (focal adj plane))	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:37
0 colandene.in.	US-PGPUB	9/20/02 9:32
1 ("5691836").PN.	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:10
4520 focal with plane with detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:39
15 (photodetect\$4 or photo\$detect\$4 or (photo adj detect\$4)) with fill with optic\$4 near2 fill near2 factor	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:19
2 (photodetect\$4 or photo\$detect\$4 or (photo adj detect\$4)) with (optic\$4 near2 fill near2 factor) and detect	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:21
60 optic\$4 near2 fill near2 factor	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:22
11 (optic\$4 near2 fill near2 factor) and detect	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:22
2522 focal with plane with (optic\$ or lens) with detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:35
2550 focal with plane with (optic\$3 or lens) with detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:36
4 focal with plane with (optic\$3 or lens) with detect\$4 with fill	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:37
396 focal adj plane adj detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:40
859 (359/626, 619, 620, 621).CCLS.	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:44
96 (focal adj plane adj detect\$4) with (optic or lens\$2 or microlens)	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:45
35 (focal adj plane adj detect\$4) with (optic or lens\$2 or microlens) and substrate	USPAT; US-PGPUB; IBM_TDB	3/4/03 15:24
296 beam with fill with optic\$3	USPAT; US-PGPUB; IBM_TDB	3/4/03 16:06
1 ("5497269").PN.	USPAT; US-PGPUB; IBM_TDB	3/4/03 16:07
3 (("6040591") or ("6583438") or ("6188094")).PN.	USPAT; US-PGPUB; IBM_TDB	7/27/03 18:09
1665 (359/619,819).CCLS.	USPAT; US-PGPUB; IBM_TDB	7/27/03 18:09
216 2 and (microlens or micro\$2lens or (micro adj lens))	USPAT; US-PGPUB; IBM_TDB	7/27/03 18:10
1 3 and (photosensor or photo\$2sensor or (photo adj sensor))	USPAT; US-PGPUB; IBM_TDB	7/27/03 18:10
216 2 and (microlens or micro\$2lens or (micro adj lens))	USPAT; US-PGPUB; IBM_TDB	7/27/03 18:11
191 5 and imag\$5	USPAT; US-PGPUB; IBM_TDB	7/27/03 18:47
132 6 and substrate	USPAT; US-PGPUB; IBM_TDB	7/27/03 18:12

39 7 and focal with plane
3 4999006.URPN.
73 5 and refract\$5 and diffract\$5
68 10 and imag\$5

USPAT; US-PGPUB; IBM_TDB 7/27/03 18:12
USPAT 7/27/03 18:16
USPAT; US-PGPUB; IBM_TDB 7/27/03 18:41
USPAT; US-PGPUB; IBM_TDB 7/27/03 18:47

S/N: 09/888, 589.

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1 ("5691836").PN.	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:10
4520 focal with plane with detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:39
(photodetect\$4 or photo\$detect\$4 or (photo adj		
15 detect\$4)) with fill with optic\$3	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:19
(photodetect\$4 or photo\$detect\$4 or (photo adj		
2 detect\$4)) with (optic\$4 near2 fill near2 factor)	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:21
60 optic\$4 near2 fill near2 factor	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:22
11 19 and detect	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:22
2522 focal with plane with (optic\$ or lens) with detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:35
2550 focal with plane with (optic\$3 or lens) with detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:36
focal with plane with (optic\$3 or lens) with detect\$4 with		
4 fill	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:37
396 focal adj plane adj detect\$4	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:40
859 (359/626, 619, 620, "621").CCLS.	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:44
(focal adj plane adj detect\$4) with (optic or lens\$2 or		
96 microlens)	USPAT; US-PGPUB; IBM_TDB	3/4/03 13:45
(focal adj plane adj detect\$4) with (optic or lens\$2 or		
35 microlens) and substrate	USPAT; US-PGPUB; IBM_TDB	3/4/03 15:24
296 beam with fill with optic\$3	USPAT; US-PGPUB; IBM_TDB	3/4/03 16:06
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1	(359/626.ccls. and (focal adj plane))	USPAT; US-PGPUB; IBM_TDB	9/19/02 16:49
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	"5144484" "5153772" "5161040" "5161059"		
	"5162644" "5191219" "5210400" "5340978"		
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1	refractive)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:21
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1	refractive)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:21
	359/558.ccls. and (lens near3 diffractive near3		
12	refractive)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:21

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1098 micro adj lens	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:34
17024 focal adj plane	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:34
(fill adj factor) and (micro adj lens) and (focal adj		
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2725 diffractive and refractive	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:37
(micro adj lens) and (focal adj plane) and ((fill adj		
factor) and (micro adj lens) and (focal adj plane)) and		
4 (diffractive and refractive)	USPAT; US-PGPUB; IBM_TDB	9/19/02 18:37